

46111 to 46118. SOLANUM TUBEROSUM L. Solanaceæ. Potato.

From Reading, England. Tubers presented by Sutton & Sons. Received April 20, 1918.

46111. Sutton's *Harbinger*.

46112. Sutton's *Gladiator*.

46113. Sutton's *Early Ashleaf*.

46114. Sutton's *Drummond Castle*.

46115. Sutton's *Edinburgh Castle*.

46116. Sutton's *Berwick Castle*.

46117. Sutton's *Carrisbrooke Castle*.

46118. Sutton's *Dunnottar Castle*.

46119. EUCOMMIA ULMOIDES Oliver. Trochodendraceæ.

Tu-chung.

From Suilokuo, Hupeh, China. Collected by Mr. Frank N. Meyer, Agricultural Explorer for the Department of Agriculture. Received February 25, 1918.

An interesting deciduous tree somewhat resembling an elm in habit and foliage. The leaves and bark contain a remarkable substance resembling rubber.

For previous introduction and description, see S. P. I. No. 46061.

46120. ACTINIDIA CHINENSIS Planch. Dilleniaceæ. Yang-tao.

From Ichang, Hupeh, China. Collected by Mr. Frank N. Meyer, Agricultural Explorer for the Department of Agriculture. Received February 25, 1918.

The *yang-tao*, as this deciduous climber is known in Szechwan Province, where it is native, has attracted considerable attention from travelers and missionaries in China, because of the high quality of its fruits and the ornamental value of the plant. Single plants often grow 30 feet in length, so that the vine will cover large areas of trellis. The leaves have a plushlike texture and an unusual dark-green color. The young shoots are bright pink and villous pubescent. The size and regular spacing of the leaves make this climber valuable where large areas of foliage are desired. The flowers are buff yellow to white, fragrant, and large size, being from 1 to 1½ inches in diameter. The abundance of these flowers adds greatly to the beauty of this plant and enhances its value as an ornamental. The following account of the fruit was written by Mr. Wilson while in China:

"Fruits abundantly produced, ovoid to globose, russet brown, more or less clothed with villous hairs. Flesh green, of most excellent flavor, to my palate akin to that of the gooseberry, but tempered with a flavor peculiarly its own."

The fruit is excellent when fresh, and it also makes very fine jam and sauce. Full information is lacking in regard to the fruit grown outside of China; some fruits received from California, however, bear out the high praise given the fruit by travelers. While this plant is not hardy in regions of severe winters, the rapid growth in the spring will make it a valuable ornamental, even in those regions where it is killed to the ground each winter. Vines have lived and made excellent growth near Washington during the